

Title (en)

POWER SYSTEM FOR VERTICAL TRANSPORTATION, METHOD AND VERTICAL TRANSPORTATION ARRANGEMENTS

Title (de)

STROMVERSORGUNGSSYSTEM FÜR DEN VERTIKALEN TRANSPORT, VERFAHREN UND VERTIKALE TRANSPORTANORDNUNGEN

Title (fr)

SYSTÈME DE PUISSANCE POUR LE TRANSPORT DANS LE SENS VERTICAL, UN PROCÉDÉ ET DES AGENCEMENTS DE TRANSPORT VERTICAL

Publication

EP 3447016 A1 20190227 (EN)

Application

EP 17187617 A 20170824

Priority

EP 17187617 A 20170824

Abstract (en)

The current disclosure relates to a power system for feeding power into a vertical transportation arrangement. The power system comprises a first interface (1) for connecting to a primary power source (2); a second interface (3) for connecting to a secondary power source (4); and power controlling means (5) for controlling feeding of power from the primary power source (2) and/or the secondary power source (4) to a motor (6) for driving a vertical transportation device. The power system is characterized in that the power controlling means (5) is configured to control feeding at least some of the power used by the motor (6) during normal operation from the secondary power source (4). The current disclosure also relates to a method and vertical transportation arrangements.

IPC 8 full level

B66B 1/30 (2006.01)

CPC (source: CN EP US)

B66B 1/30 (2013.01 - CN EP US); **B66B 5/027** (2013.01 - US); **B66B 9/00** (2013.01 - US); **B66B 11/043** (2013.01 - US); **B66B 23/02** (2013.01 - US); **B66B 25/00** (2013.01 - CN); **H02J 7/14** (2013.01 - US); **H02J 7/34** (2013.01 - CN)

Citation (applicant)

WO 2010020705 A1 20100225 - KONE CORP [FI], et al

Citation (search report)

- [XI] US 2016229666 A1 20160811 - GEWINNER JUERGEN [DE], et al
- [XI] WO 2010019123 A1 20100218 - OTIS ELEVATOR CO [US], et al

Cited by

EP3992129A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3447016 A1 20190227; **EP 3447016 B1 20231206**; CN 109422150 A 20190305; CN 109422150 B 20211231; US 11114887 B2 20210907; US 2019067981 A1 20190228

DOCDB simple family (application)

EP 17187617 A 20170824; CN 201810975250 A 20180824; US 201816110544 A 20180823